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**Planters' Record**

VOL. LIII

1949-50





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*The*

# HAWAIIAN PLANTERS' RECORD

Vol. LIII

1949-50

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A publication devoted to the sugar interests of Hawaii and issued by the Experiment Station for circulation among plantations of the Hawaiian Sugar Planters' Association.

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*For 1950*

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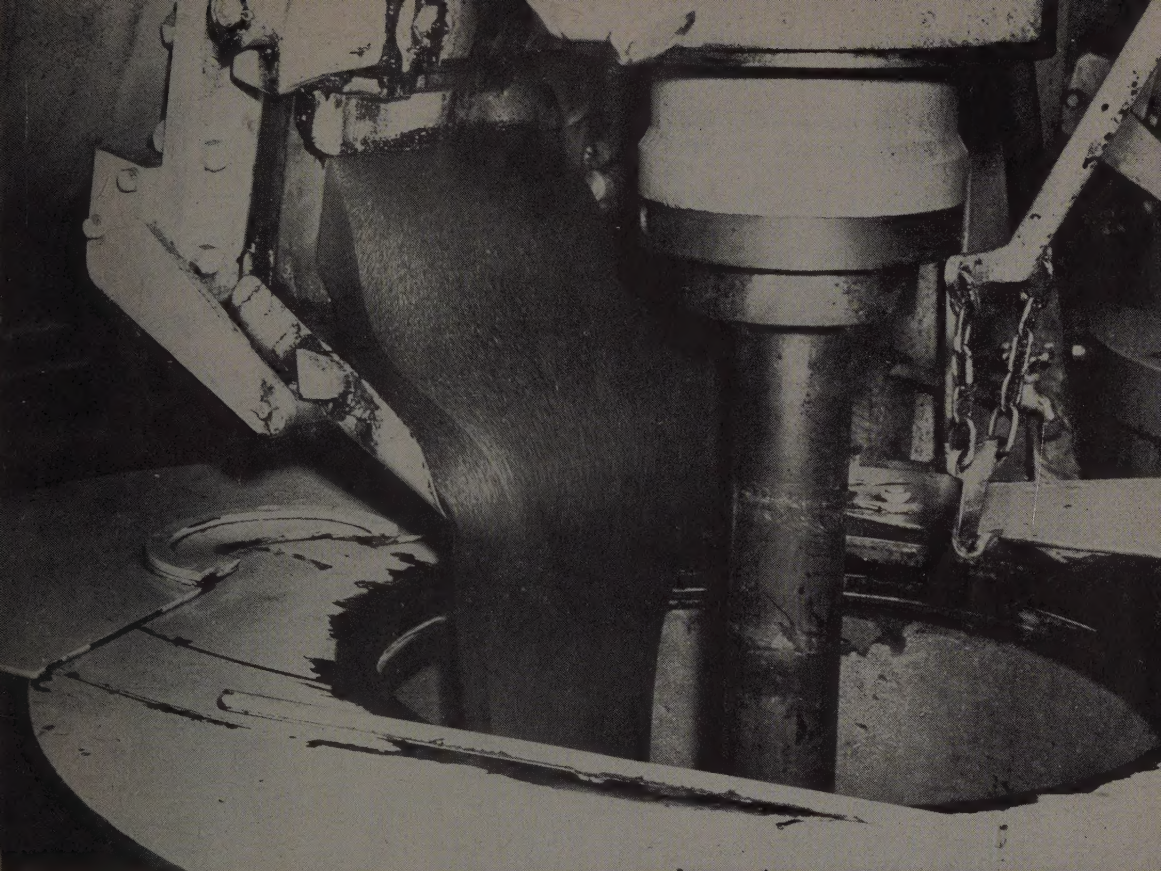
# **HAWAIIAN PLANTERS' RECORD**

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No. 2





### Captions

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No. 1—"For some years we have been in need of more room for our Station activities. Now we have two new buildings added to our facilities. They will prove of great value. Today we dedicate them to the service of the sugar industry of Hawaii" . . . Dr. A. L. Dean, Experiment Station executive committee member, at the 1948 HSPA meeting unveiled plaques bearing the names of two former Station directors, H. P. Agee and H. L. Lyon, and announced that the two new buildings at the Station were to be dedicated to them. Top picture shows Agee hall, the auditorium building, lower picture is Dr. Dean presenting the plaque for Lyon hall to Dr. Bayer.

No. 2—Forecasting the amount of water to be expected in irrigation ditches, such as the one shown here, is a major part of the forecasting program of the Department of Meteorology. Pictured is a diversion structure and tunnel outlet near the Hana Road, East Maui. The low flows of the stream entering at the right are added to water already collected and pouring out of the tunnel mouth in the background. The augmented flow enters the next section of the tunnel to the left of the picture and is taken through the mountain to be added to again at the next stream bed. This water is carried to the cane fields and used for irrigation.

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No. 3.—Massecuite pouring into the basket of a low-grade centrifugal.

No. 4—Spraying a dense infestation of manienie with a multiple nozzle boom. This method of applying TCA has been used effectively on a number of plantations for eradication of the plant pest. Although single nozzles are more satisfactory for spot treatment, the multiple nozzle booms have stepped up man day performance in general use.

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